

Table of Contents

	PAGE
CHAPTER 1. INTRODUCTION	1-1
Study Objectives	1-1
Yolo County Transportation District Organizational Structure	1-1
Agreements with Other Transit Operators.....	1-2
Review of Other Studies	1-3
CHAPTER 2. YOLO COUNTY PROFILE.....	2-1
Growth in the County.....	2-16
CHAPTER 3. EVALUATION OF YOLOBUS FIXED ROUTE SERVICES	3-1
Overview of Existing YOLOBUS Fixed Route Services	3-1
Performance Trends.....	3-16
Connecting Transit Systems/Other Transportation Providers	3-27
CHAPTER 4. RIDECHECK AND PASSENGER SURVEY	4-1
CHAPTER 5. YOLOBUS SPECIAL SERVICE OVERVIEW	5-1
Service Overview.....	5-1
Service Policies and Parameters	5-1
Trip Booking, Scheduling and Dispatch.....	5-4
Fleet and Fleet Maintenance.....	5-5
Service Performance	5-5
ADA Compliance.....	5-8
CHAPTER 6. STRATEGIC GOALS AND IMPLEMENTATION STRATEGIES	6-1
Board Workshops.....	6-1
Mission/Vision Statement	6-4
Strategic Goals and Implementation Strategies	6-4
CHAPTER 7. FIVE YEAR DRAFT SERVICE PLAN	7-1
Yolobus Fixed Route Service Plan.....	7-1
Yolobus Special Service Plan	7-34
CHAPTER 8. FINANCIAL PLAN.....	8-1
Financial Plan Scenarios	8-1

Table of Contents *(continued)*

	PAGE
Operating Plan.....	8-2
YCTD Capital Plan.....	8-8
Capital Funding Strategies	8-11
Growth Scenario	8-14

Table of Figures

	PAGE
Figure 2-1	Top 15 Employers in Yolo County..... 2-3
Figure 2-2	2005 Combined Population & Employment Densities..... 2-6
Figure 2-3	2015 Combined Population & Employment Densities..... 2-7
Figure 2-4	Senior Population Density 65 Years and Older (2000) 2-8
Figure 2-5	Youth Population Density Under 18 Years Old (2000) 2-9
Figure 2-6	Density of Households with No Vehicles (2000) 2-10
Figure 2-7	Density of Persons with Disabilities over 16 Years Old (2000) 2-11
Figure 2-8	Top 10 Journey to Work Destinations..... 2-12
Figure 2-9	Top 10 Journey to Work Destinations..... 2-13
Figure 2-10	Top 10 Journey to Work Destinations..... 2-14
Figure 2-11	Top 10 Journey to Work Destinations..... 2-15
Figure 2-12	Top 10 Journey to Work Destinations..... 2-15
Figure 2-13	Recent and Planned Major Developments in Yolo County (Map)2-18
Figure 2-14	Recent and Planned Major Developments in Yolo County (List)2-19
Figure 3-1	Summary of YOLOBUS Fixed Routes..... 3-2
Figure 3-2	YOLOBUS Service Hours and Days of Operation, May 2005 3-6
Figure 3-3	YOLOBUS Approximate Service Frequencies, May 2005..... 3-7
Figure 3-4	YOLOBUS Fixed Route System Map (Overview) 3-8
Figure 3-5	YOLOBUS Fixed Route System Map (Woodland) 3-9
Figure 3-6	YOLOBUS Fixed Route System Map (Davis) 3-10
Figure 3-7	YOLOBUS Fixed Route System Map (West Sacramento) 3-11
Figure 3-8	YOLOBUS Fixed Route Fare Structure 3-12
Figure 3-9	Systemwide Expenses and Revenues – FY 2004 and FY 2005 3-14
Figure 3-10	YCTD Fleet as of May 2005 3-15
Figure 3-11	Selected Performance Measures and Standards* 3-16
Figure 3-12	Operating Statistics and Key Performance Measures (FY 2001 – FY 2004) 3-17
Figure 3-13	Farebox Recovery Ratio, FY 2001 – FY 2004 3-18

Table of Figures *(continued)*

	PAGE
Figure 3-14 Percentage Increase in Cost/Revenue Hour Compared to CPI, FY 2001-FY 2004.....	3-19
Figure 3-15 Revenue Hours Per Capita, FY 2001-FY 2004	3-20
Figure 3-16 YOLOBUS Annual Ridership and Yolo County Population Growth, 2000-2004	3-22
Figure 3-17 YOLOBUS Total Annual Ridership by Route, FY 2004.....	3-23
Figure 3-18 YOLOBUS Productivity by Route and Performance Standards, FY 2004	3-25
Figure 3-19 Sample On-Time Performance by Route	3-27
Figure 4-1 Top 10 Boarding Locations, Route 42	4-2
Figure 4-2 Total Weekday Boardings by Stop, Route 42	4-3
Figure 4-3 Top 10 Boarding Locations, Routes 210 and 211.....	4-4
Figure 4-4 Total Weekday Boardings by Stop, Routes 210 and 211	4-5
Figure 4-5 Top 10 Boarding Locations, Routes 40 and 41	4-6
Figure 4-6 Total Weekday Boardings by Stop, Route 40	4-7
Figure 4-7 Total Weekday Boardings by Stop, Route 41	4-8
Figure 4-8 Surveys Collected and Estimated Response Rate	4-10
Figure 4-9 Trip Purpose (Routes 210 and 211)	4-11
Figure 4-10 Trip Purpose (Route 42).....	4-11
Figure 4-11 Mode of Access to and from the Bus (Routes 210 and 211) ..	4-12
Figure 4-12 Walk Time to the Bus (Routes 210 and 211).....	4-13
Figure 4-13 Walk Time from Bus (Routes 210 and 211)	4-13
Figure 4-14 Mode of Access (Route 42)	4-14
Figure 4-15 Walk Time to Bus (Route 42).....	4-14
Figure 4-16 Walk Time from Bus (Route 42).....	4-15
Figure 4-17 Access to and from the Bus (Routes 210 and 211).....	4-15
Figure 4-18 Access to and from the Bus (Route 42)	4-16
Figure 4-19 Transfer Activity (Routes 210 and 211).....	4-16
Figure 4-20 Transfer Activity (Route 42)	4-17
Figure 4-21 Top Five Origin Locations (Routes 210 and 211).....	4-18

Table of Figures *(continued)*

	PAGE
Figure 4-22 Top Five Destination Locations (Routes 210 and 211).....	4-18
Figure 4-23 Origin and Destination Pairs (Percent of Trips between Locations) - (Route 42).....	4-18
Figure 4-24 Alternatives to Transit (Routes 210 and 211).....	4-19
Figure 4-25 Alternatives to Transit (Route 42)	4-20
Figure 4-26 Fare Type (Routes 210 and 211)	4-21
Figure 4-27 Fare Category (Route 210 and 211)	4-21
Figure 4-28 Fare Type (Route 42)	4-22
Figure 4-29 Fare Category (Route 42)	4-22
Figure 5-1 YOLOBUS Special Service Area Summary	5-2
Figure 5-2 YOLOBUS Special Service Coverage Hours by Service.....	5-3
Figure 5-3 DCT and YOLOBUS Special Fares	5-4
Figure 5-4 Trip Reservation Hours by Service.....	5-4
Figure 5-5 YOLOBUS Special Fleet Inventory.....	5-5
Figure 5-6 YOLOBUS Special Performance Summary (FY 2001 - FY 2004)..	5-6
Figure 5-7 ADA Compliance	5-9
Figure 7-1 Summary of Status Quo Service Recommendations - Woodland	7-4
Figure 7-2 Map of Status Quo Service Recommendations - Woodland.....	7-5
Figure 7-3 Summary of Growth Scenario Service Recommendations - Woodland	7-7
Figure 7-4 Map of Growth Scenario Service Recommendations - Woodland	7-9
Figure 7-5 Summary of Status Quo Service Recommendations - West Sacramento	7-14
Figure 7-6 Map of Status Quo Service Recommendations - West Sacramento	7-15
Figure 7-7 Summary of Growth Scenario Service Recommendations - West Sacramento	7-18
Figure 7-8 Map of Growth Scenario Service Recommendations - West Sacramento	7-20
Figure 7-9 Summary of Status Quo Service Recommendations - Davis	7-24

Table of Figures *(continued)*

	PAGE
Figure 7-10	Map of Status Quo Service Recommendations - Davis 7-25
Figure 7-11	Summary of Growth Scenario Service Recommendations - Davis 7-27
Figure 7-12	Map of Growth Scenario Service Recommendations - Davis ... 7-28
Figure 7-13	Summary of Growth Scenario Recommendations - Winters/Yolo County 7-31
Figure 7-14	YCTD Fixed Route Service Plan Recommended Phasing 7-33
Figure 7-15	Projected Operating Cost Savings Through Reduction in Revenue Hours and Miles 7-38
Figure 7-16	Conceptual Streetcar Alignments in West Sacramento 7-46
Figure 8-1	Operating Revenues and Costs, YCTD 8-3
Figure 8-2	Projected TDA funds for YCTD Operations 8-5
Figure 8-3	FTA Section 5307 Funds to YCTD 8-6
Figure 8-4	FTA Section 5311 and Section 5316 Funds to YCTD 8-7
Figure 8-5	Capital Funding Plan 8-9
Figure 8-6	YCTD Vehicle Inventory, 2005 8-10
Figure 8-7	Total TDA Claim 8-14
Figure 8-8	Comparison of Status Quo and Growth Scenarios 8-15
Figure 8-9	TDA requirements for Growth Scenario, assuming status quo funding splits 8-15
Figure 8-10	Potential Funding Sources for Growth 8-16